

What is claimed is:

1. A method of programmatically determining edgification of components in a computing network, comprising steps of:
 - retrieving values for one or more characteristics of one or more components to be potentially edgified;
 - retrieving values for one or more characteristics of an operating environment in which the edgification is to potentially occur;
 - retrieving a policy which expresses associations between the characteristics of the components and the characteristics of the operating environment; and
 - programmatically combining the values of the characteristics of a particular one of the components, the policy, and the values of the characteristics of the operating environment to yield a result which determines whether the particular component is edgeable.
2. The method according to Claim 1, further comprising the step of comparing the result to a threshold to determine whether the particular component is edgeable.
3. The method according to Claim 1, wherein the characteristics of the one or more components are supplied by developers of the components.
4. The method according to Claim 1, wherein the characteristics of the operating environment are supplied by an administrator of the environment.

1 5. The method according to Claim 1, wherein the policy is supplied by a deployer.

1 6. The method according to Claim 1, wherein the step of programmatically combining uses
2 techniques of matrix multiplication.

1 7. The method according to Claim 1, wherein the values of the characteristics of the one or
2 more components, values of the policy, and values of the characteristics of the operating
3 environment range between zero and one.

1 8. The method according to Claim 1, wherein the step of programmatically combining uses
2 modifications to techniques of matrix multiplication, wherein particular intermediate results signal
3 changes to the matrix multiplication process.

1 9. A system for programmatically determining edgification of components in a computing
2 network, comprising:

3 means for retrieving values for one or more characteristics of one or more components to
4 be potentially edgified;

5 means for retrieving values for one or more characteristics of an operating environment in
6 which the edgification is to potentially occur;

7 means for retrieving a policy which expresses associations between the characteristics of
8 the components and the characteristics of the operating environment;

9 means for programmatically combining the values of the characteristics of a particular one

10 of the components, the policy, and the values of the characteristics of the operating environment
11 to yield a result; and
12 means for comparing the result to a threshold to determine whether the particular
13 component is edgeable.

1 10. A computer program product for programmatically determining edgification of
2 components in a computing network, the computer program product embodied on one or more
3 computer-readable media and comprising:
4 computer-readable program code means for retrieving values for one or more
5 characteristics of one or more components to be potentially edgified;
6 computer-readable program code means for retrieving values for one or more
7 characteristics of an operating environment in which the edgification is to potentially occur;
8 computer-readable program code means for retrieving a policy which expresses
9 associations between the characteristics of the components and the characteristics of the operating
10 environment;
11 computer-readable program code means for programmatically combining the values of the
12 characteristics of a particular one of the components, the policy, and the values of the
13 characteristics of the operating environment to yield a result; and
14 computer-readable program code means for comparing the result to a threshold to
15 determine whether the particular component is edgeable.